DA Metrics

- AMEDD Command Management System
  - Provides feedback on performance of Medical Command operations
  - Analysis helps MEDCOM leadership address non – “green” operational issues
  - https://cms.mods.army.mil/CMS/
- Army Installation Status Report
  - ISR Services - Preventive Medicine Services
  - AR 210-14
  - Same end purpose as AMEDD CMS, but includes all operations within an Installation
  - https://isrtrain.hqda.pentagon.mil/isr/isrmainAKO/frameset.htm

FY 2013 Metrics

CMS #	ISR 953 #	Description
900	PM04	% BZ ≥ OEL, no controls documented in DOEHRS-IH
907	PM08	% BZ ≥ OEL, no controls identified, but w/ controls recommended
901	PM05	% dosimetry samples w/ noise TWA ≥ 85 dBA, no controls documented in DOEHRS-IH
908	PM09	% dosimetry samples w/ noise TWA ≥ 85 dBA, no controls identified, but w/ controls recommended
902	PM06	% sound level samples w/ impulse exposures ≥140 dBP, no controls documented in DOEHRS-IH.
909	PM07	% sound level samples w/ impulse exposures ≥140 dBP, no controls identified, but w/ controls recommended
903	PM11	% of installation personnel assigned a shop priority code in DOEHRS-IH.
904	PM10	% of DOEHRS-IH Priority 1 shops w/ at least one master schedule task completed in the past 12 months.

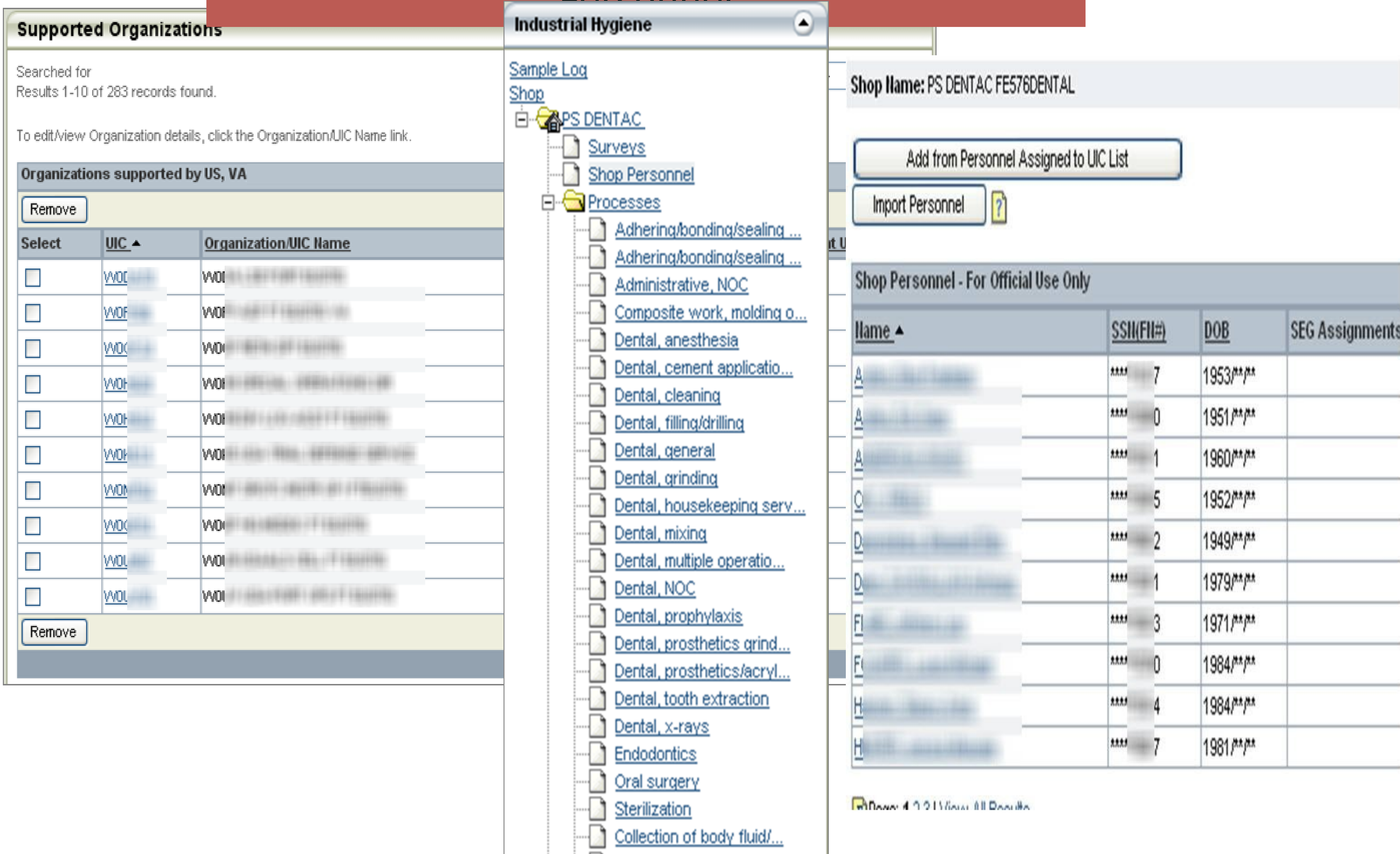
CMS 900 / ISR 953-04:
BZ Samples ≥ OEL

- % BZ ≥ OEL, includes: TWA, STEL, or Ceiling Limit, AND no associated controls reported in DOEHRS-IH.

1. Establish Program Office
2. Add Supported Organizations
3. Capture Shops
4. Capture Processes
5. Capture Shop Personnel & assign to relevant processes
6. Capture Hazards
7. Capture Controls related to hazards
8. Establish SEG
9. Enter Air Breathing Zone Samples at SEG level
10. Calculate TWAs

CMS 900 / ISR 953-04: Samples ≥ OEL

Steps 1-5: Capture Customers, Shops, Processes within the Shops, Capture Shop Personnel



CMS 900 / ISR 953-04: BZ Samples ≥ OEL

Step 5: Relate Shop Personnel to Processes they Perform

Personnel Information

Name	A[illegible]

PS DENTAC Information

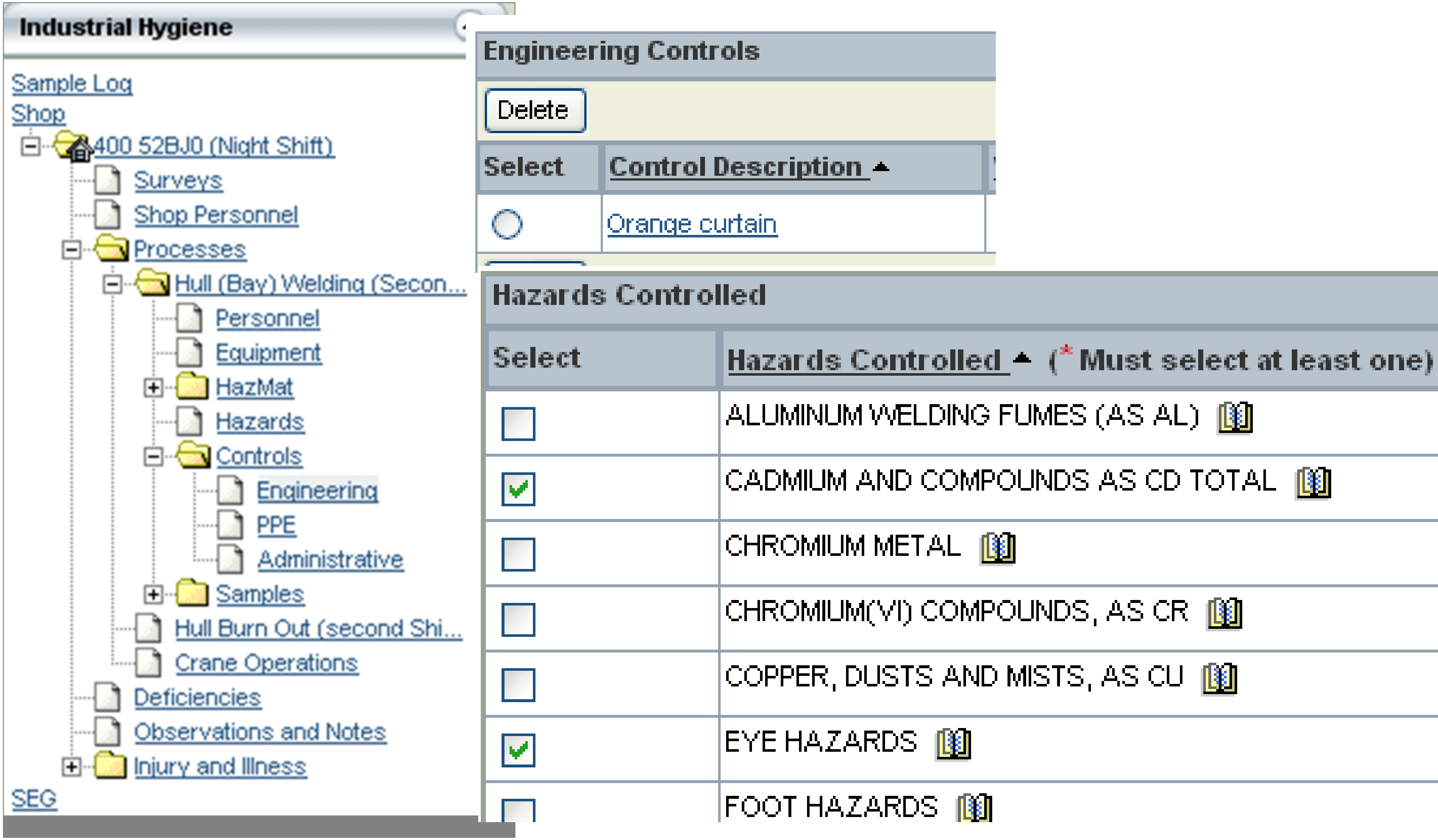
Shop Start Date *	2008/12/29 (yyyy/mm/dd)	Shop Stop Date	(yyyy/mm/dd)
Worker Type *	DoD contract employee		
Work Shift (Ctrl click to select multiple days)	Select Work Shift	Start Time / End Time	Days: Sunday, Monday
Comments			

Current Process Assignments

Process	Process Start Date	Process Stop Date
Adhering/bonding/sealing - brush/dobbing	(yyyy/mm/dd)	(yyyy/mm/dd)
Adhering/bonding/sealing - hand wipe	(yyyy/mm/dd)	(yyyy/mm/dd)
Administrative, NOC	(yyyy/mm/dd)	(yyyy/mm/dd)
Collection of body fluid/waste samples	(yyyy/mm/dd)	(yyyy/mm/dd)
Composite work, molding of parts	(yyyy/mm/dd)	(yyyy/mm/dd)
Compressed air cleaning	(yyyy/mm/dd)	(yyyy/mm/dd)
Dental equipment sterilization	(yyyy/mm/dd)	(yyyy/mm/dd)

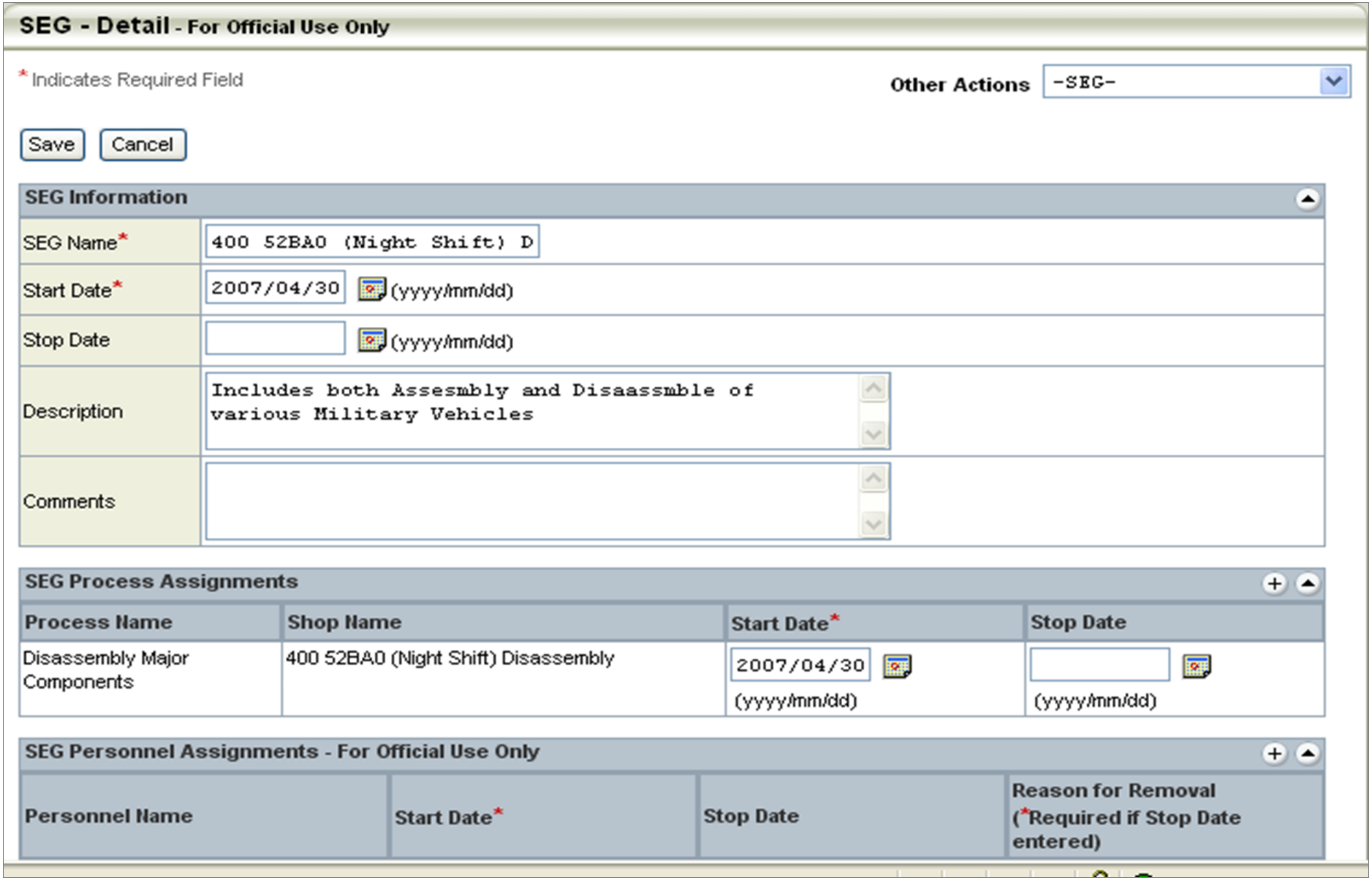
CMS 900 / ISR 953-04: Samples BZ ≥ OEL

Step 6-7: Capture Controls & Hazards they Control



CMS 900 / ISR 953-04: BZ Samples ≥ OEL

Step 8: Establish Similar Exposure Group



SEG - Detail - For Official Use Only

* Indicates Required Field

Other Actions: -SEG-

Save | Cancel

SEG Information

SEG Name*	400 52BA0 (Night Shift) D
Start Date*	2007/04/30 (yyyy/mm/dd)
Stop Date	(yyyy/mm/dd)
Description	Includes both Assesmbly and Disaassmble of various Military Vehicles
Comments	

SEG Process Assignments

Process Name	Shop Name	Start Date*	Stop Date
Disassembly Major Components	400 52BA0 (Night Shift) Disassembly	2007/04/30 (yyyy/mm/dd)	(yyyy/mm/dd)

SEG Personnel Assignments - For Official Use Only

Personnel Name	Start Date*	Stop Date	Reason for Removal (*Required if Stop Date entered)

CMS 900 / ISR 953-04: BZ Samples ≥ OEL

Step 9:-10: TWA's are Calculated from Sample Results

This list can be sorted by Sample ID or Date. Selecting Date will sort the samples by Date, then by Worker, and then by Sample Position. To mark TWAs as outdated, select the desired TWA(s) and click the Mark TWAs Outdated button.

Other Actions -Samples-

SEG Name: 400 52BA0 (Night Shift) Disassembly

Air Breathing Zone TWAs - For Official Use Only

Mark TWAs Outdated

Select	Sample IDs	Worker	Date	Hazard	TWA Value	UCL	OEL	OEL Value
☐	1AF6K70K	H[redacted] null **[redacted]9	2007/05/08	CHROMIUM(VI) COMPOUNDS, AS CR	0.000016971 mg/m3	0.00025961 mg/m3	OSHA 8.0 hr TWA	0.0025000 mg/m3 Δ
☐	1AF6K70L	N[redacted] **[redacted]0	2007/05/08	CHROMIUM(VI) COMPOUNDS, AS CR	0.000016 mg/m3	0.00025864 mg/m3	OSHA 8.0 hr TWA	0.0025000 mg/m3 Δ
☐	1AF6K70M	F[redacted] *[redacted]5	2007/05/08	CHROMIUM(VI) COMPOUNDS, AS CR	0.000028000 mg/m3	0.00027064 mg/m3	OSHA 8.0 hr TWA	0.0025000 mg/m3 Δ
☐	1AF6K70N	J[redacted] *[redacted]3	2007/05/08	CHROMIUM(VI) COMPOUNDS, AS CR	0.000025 mg/m3	0.00026764 mg/m3	OSHA 8.0 hr TWA	0.0025000 mg/m3 Δ
☐	1AF6K70Q	C[redacted]5	2007/05/09	CHROMIUM(VI) COMPOUNDS, AS CR	0.000021213 mg/m3	0.00036091 mg/m3	OSHA 8.0 hr TWA	0.0035 mg/m3 Δ
☐	1AF6K70R	G[redacted]	2007/05/09	CHROMIUM(VI)	0.000021213	0.00036091	OSHA 8.0	0.0035

CMS 907 / ISR 953-08: Air Breathing Zone Samples

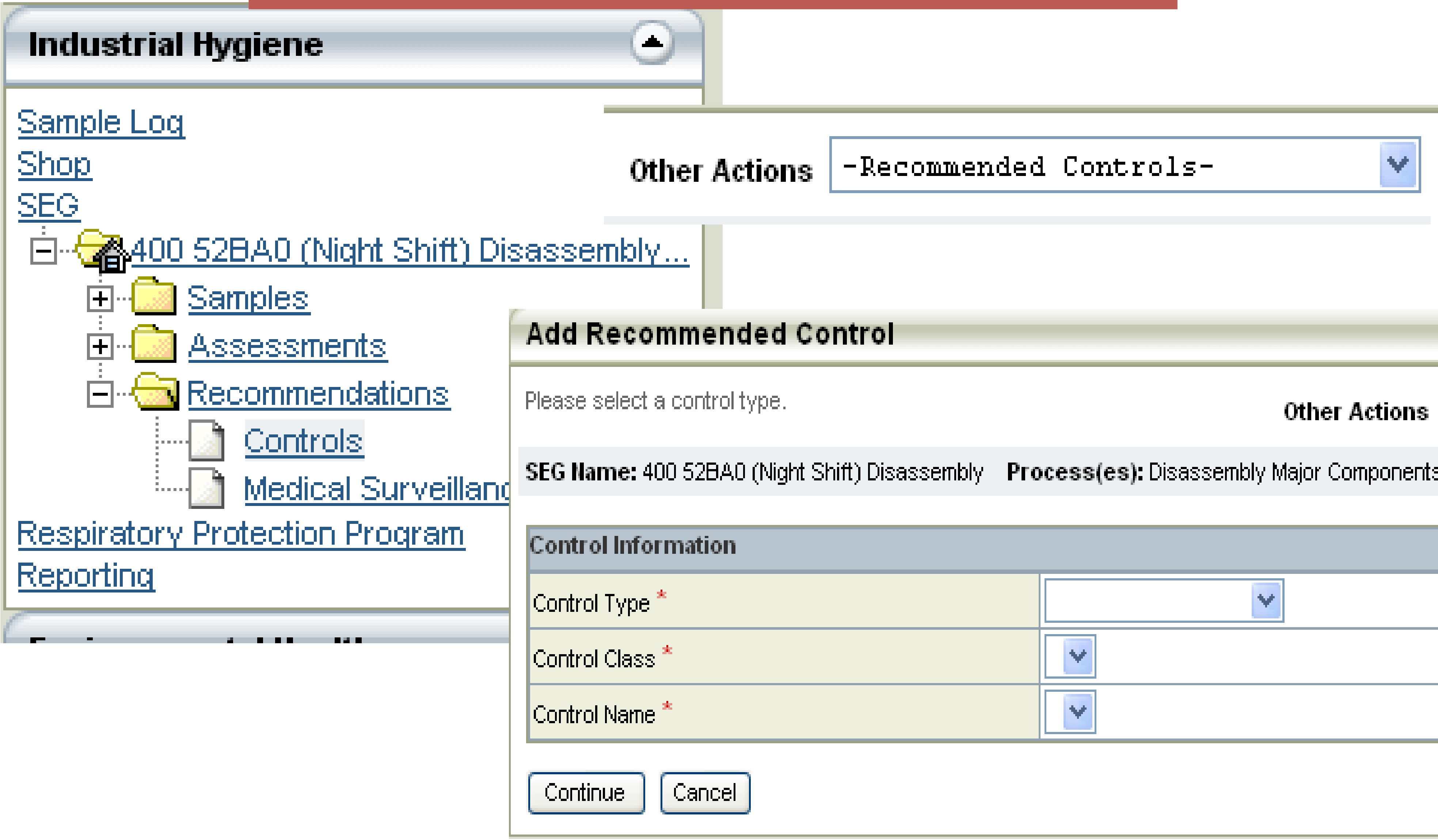
- This metric builds on CMS 900 / ISR 953-04
  - % BZ ≥ OEL, includes: TWA, STEL, or Ceiling Limit;
  - AND have no associated controls reported in DOEHRS-IH
  - BUT with control recommendations

- Complete steps 1-10 as CMS 900/ ISR 953-04

11. Enter Control Recommendations at the SEG level
    - Ensure status of recommendation is identified

CMS 907 / ISR 953-08: BZ w/ Recommended Controls

Step 11: Control Recommendations at the SEG Level



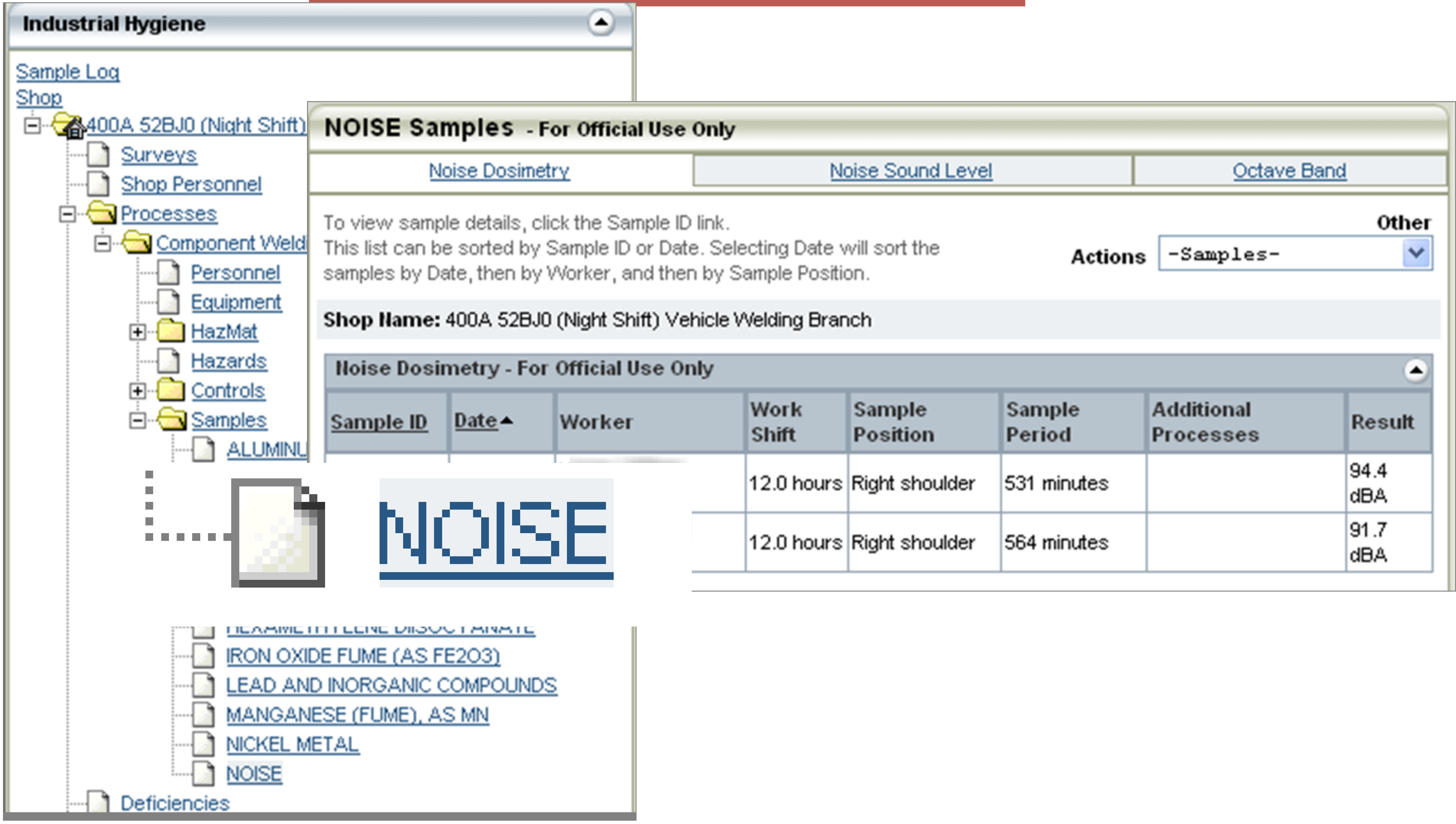
CMS 901 / ISR 953-05: Noise Dosimetry

- % noise dosimetry samples TWA ≥ 85 dBA, AND have no associated controls.

  1. Establish Program Office
  2. Add Supported Organizations
  3. Capture Shops
  4. Capture Processes
  5. Capture Shop Personnel and assign to relevant processes
  6. Capture Noise Hazard
  7. Capture Controls related to Noise hazard
  8. Establish SEG
  9. Enter Personal Noise Dosimetry at SEG level
  10. Calculate TWAs

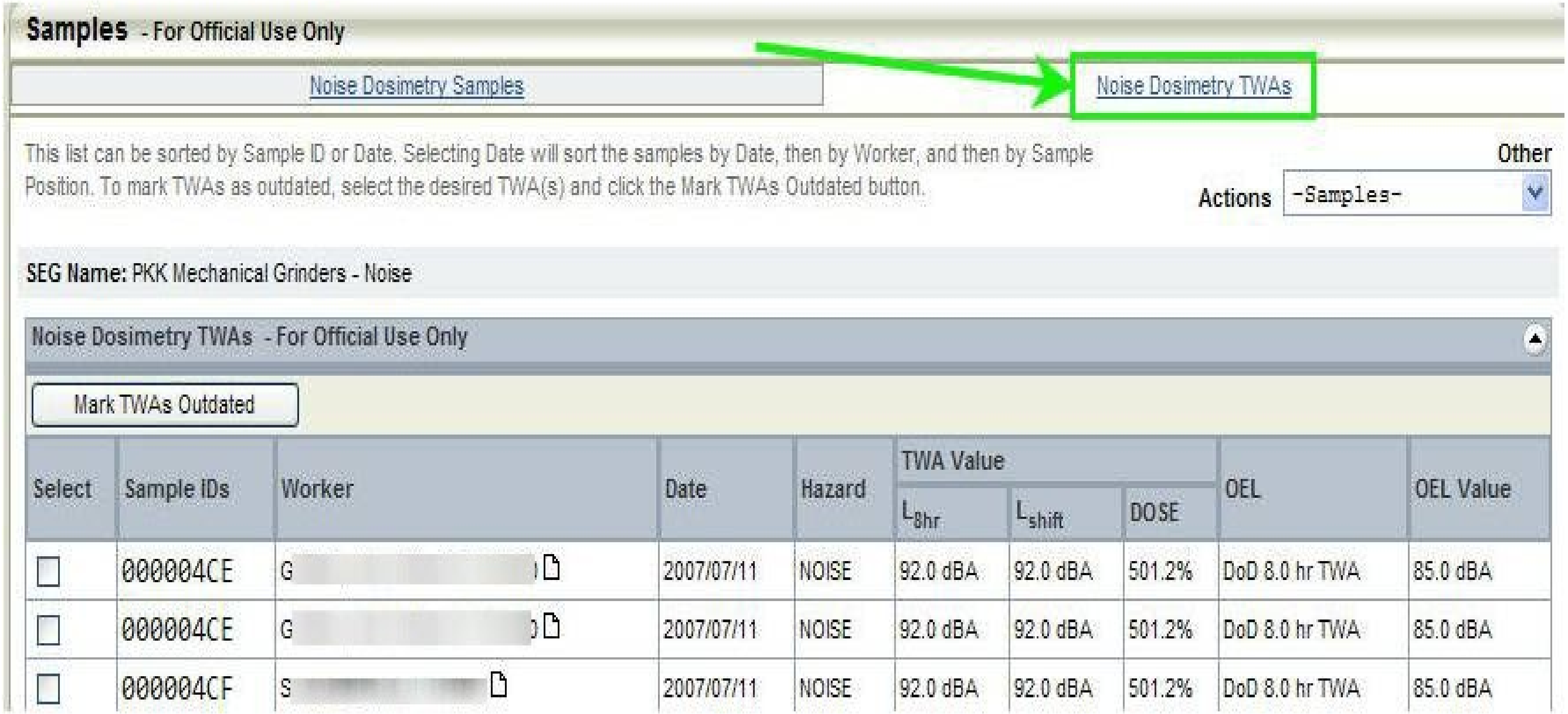
CMS 901 / ISR 953-05: Noise Dosimetry

Steps 1-9: Noise Dosimetry Captured



CMS 901 / ISR 953-05: Noise Dosimetry

Step 10: Noise Dosimetry TWAs



CMS 908 / ISR 953-09: Noise Dosimetry with Recommended Controls

- This metric builds on CMS 901/ ISR 953-05
  - % Noise Dosimetry TWA ≥ 85 dBA
  - AND have no associated controls reported in DOEHRS-IH
  - BUT with control recommendations

- Complete steps 1-10 as CMS 901/ ISR 953-05
  11. Enter Control Recommendations at the SEG level
  - Ensure status of recommendation is identified

CMS 908 / ISR 953-09: Dosimetry w/ Recommended Controls

Step 11: Control Recommendations for Noise at SEG level

Select	Sample IDs	Worker	Date	Hazard	TWA Value			OEL	OEL Value
					L_{8hr}	L_{shift}	DOSE		
☐	000004CE	G[illegible]0	2007/07/11	NOISE	92.0 dBA	92.0 dBA	501.2%	DoD 8.0 hr TWA	85.0 dBA

Industrial Hygiene

- Sample Log
- Shop
- SEG
  - PKK Mechanical Grinders - Noise
    - Samples
      - Air Breathing Zone
      - Air General Area
      - Direct Reading Dosimetry
      - Direct Reading General A
      - Noise Dosimetry
    - Assessments
    - Recommendations
- Respiratory Protection Program
- Reporting

Notification Letter - For Official Use Only

Export As .rtf | Export As .pdf | Cancel

General Information - For Official Use Only	
Name	G[illegible]
SSN	***[illegible]
Current Date	2009/01/12
Shop Name (UIC)	PKK Welding (W3[illegible])
Location	Area PKK Charlie

Noise Dosimetry sampling was conducted on 11 Jul 2007 to determine your exposure to NOISE. The results of the samples are presented below.

Sample ID	Process(es)	Sample Time (minutes)	Sample Results
000004CE	PKK Mechanical Grinding	450	92.0 dBA
The 7.5-hr time-weighted average is 92.0 dBA			

The 7.5-hr time-weighted average exceeded the permissible exposure limit of 85.0 dBA

During the sampling period you were observed wearing the following personal protective equipment:

- Earplug, Disposable, Foam Plastic Hearing

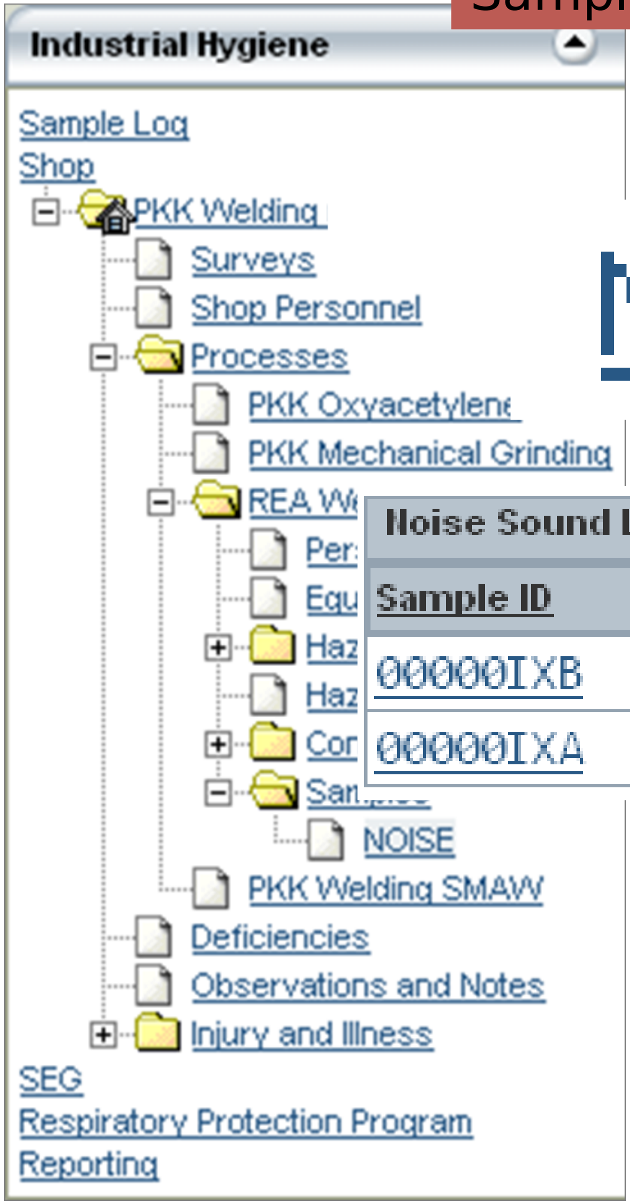
CMS 902 / ISR 953-06:
Impulse Noise

- % sound level samples w/ impulse exposures ≥140 dBP, AND no controls reported in DOEHRS-IH.

1. Establish Program Office
2. Add Supported Organizations
3. Capture Shops
4. Capture Processes
5. Capture Noise as a hazard
6. Capture Controls related to Noise hazard
7. Establish SEG
8. Enter Noise Sound Level Samples at SEG level

CMS 902 / ISR 953-06: Impulse Noise

Steps 1-6: Capture Impulse Noise Samples



Noise Sound Level

Noise Sound Level

Sample ID	Date	Task Duration	Additional Processes	Peak (dB)
00000IXB	2008/10/22	300 minutes	PKK Welding SMAW	200
00000IXA	2008/10/22	240 minutes	PKK Welding SMAW	142

CMS 902 / ISR 953-06: Impulse Noise

Steps 7-8: Noise Sound Level Samples at SEG level

Industrial Hygiene

- Sample Log
- Shop
- SEG
  - REA Welding (TEST)
    - Samples
      - Air Breathing Zone
      - Air General Area
      - Direct Reading Dosimetry
      - Direct Reading General Area
      - Noise Dosimetry
      - Noise Sound Level
    - Assessments
    - Recommendations
- Respiratory Protection Program

Samples

Noise Sound Level Samples

To view sample details, click the Sample ID link.
This list can be sorted by Sample ID or Date.

Other Actions -Samples-

SEG Name: REA Welding (TEST)

Noise Sound Level Samples

Sample ID	Date	Noise Type	Task Duration	Used in TWA	Sound Level (dBA)	Sound Level (dBC)	Peak (dB)
00000CXV	2008/05/21	Continuous	20 minutes		94	98	100
00000CY0	2008/05/22	Continuous	20 minutes		0	0	0
00000CZT	2008/05/22	Continuous	20 minutes		94	98	100
00000CZU	2008/05/22	Continuous	20 minutes		94	98	100
00000CY2	2008/05/22	Continuous	20 minutes		94	98	100
00000CY4	2008/05/22	Continuous	20 minutes		94	98	100
00000CXW	2008/05/22	Continuous	20 minutes		94	98	100
00000CZS	2008/05/22	Continuous	20 minutes		94	98	100
00000GXP	2008/08/22	Continuous	120 minutes		87	0	114
00000IXB	2008/10/22	Impulse/Impact	300 minutes		0	0	200

* Indicates sample result measurement was censored

CMS 909 / ISR 953-07: Impulse Noise with Recommended Controls

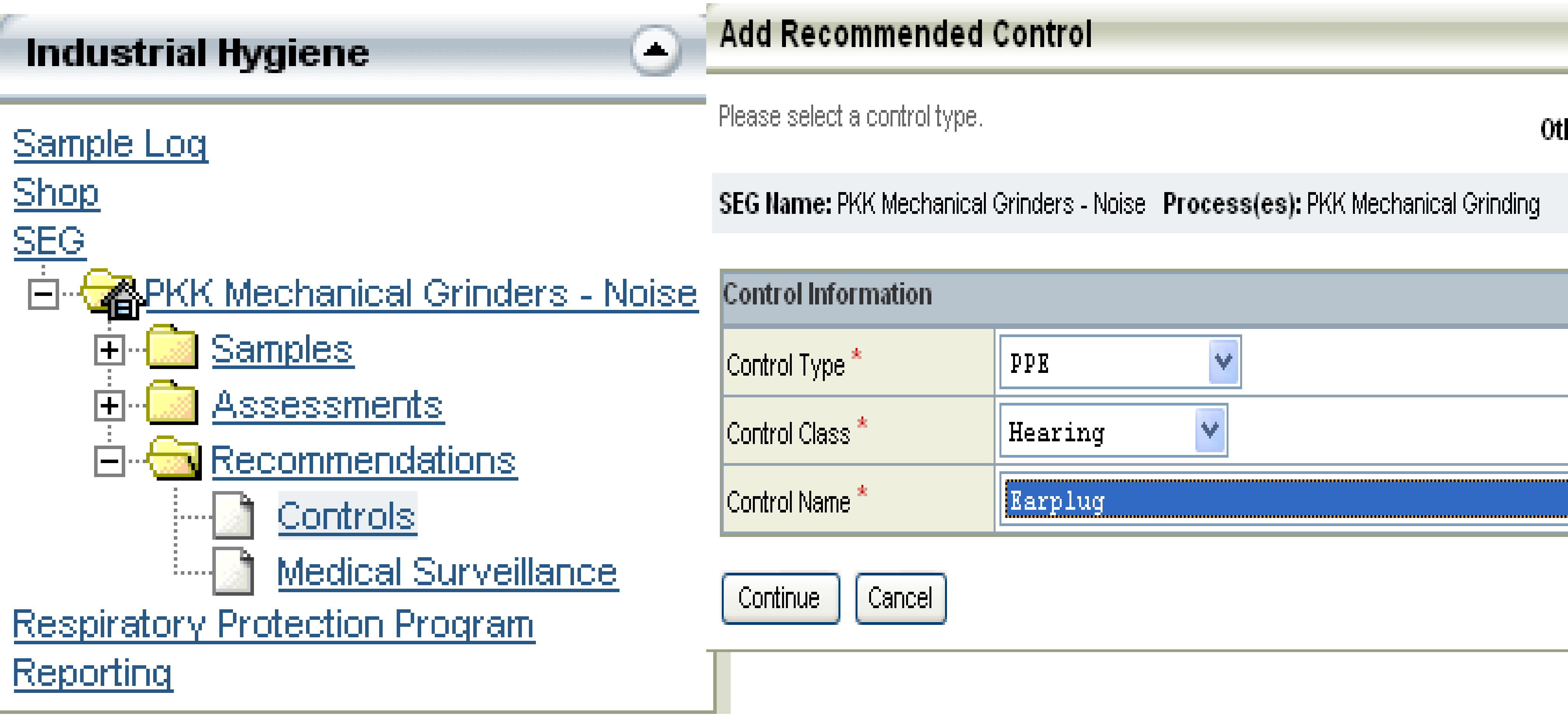
- This metric builds on CMS 902/ ISR 953-06
  - % Impulse Noise ≥ 140 dBP
  - AND have no associated controls reported in DOEHRS-IH
  - BUT with control recommendations

- Complete steps 1-8 as CMS 902/ ISR 953-06

  9. Enter Control Recommendations at the SEG level
  - Ensure status of recommendation is identified
  - Only recommendations identified under the SEG menu will be used for this metric

CMS 909 / ISR 953-07: Impulse Noise w/ Recommended Controls

Step 9: Control Recommendations for Impulse Noise at SEG Level



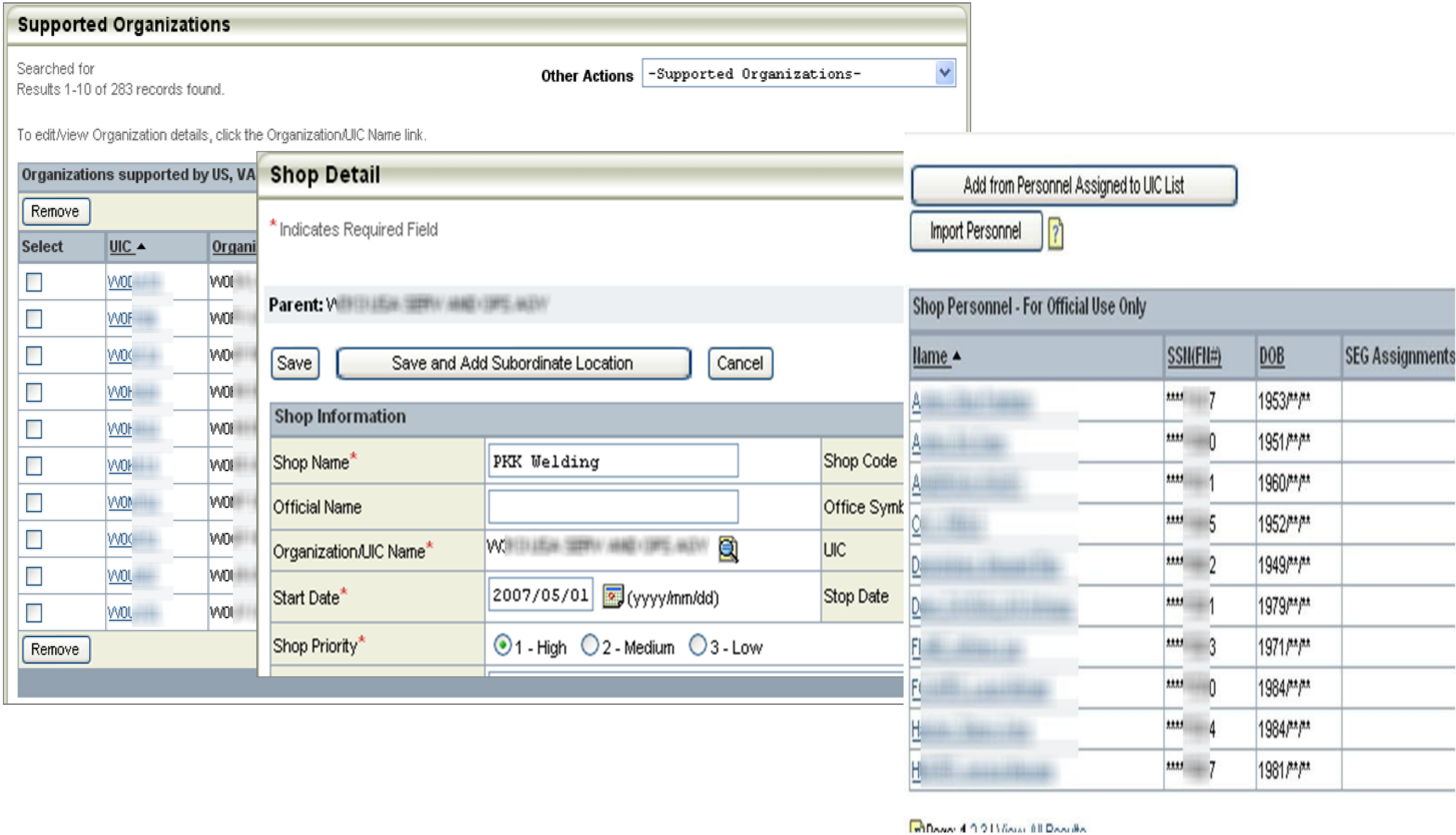
CMS 903 / ISR 953-11: Shop Priority Code

- % of installation personnel assigned a Shop Priority Code in DOEHRS-IH.

1. Establish Program Office
2. Capture Shops (Shop Priority Code is a required field)
3. Enter Shop personnel
4. Add identified UICs to Supported Organizations

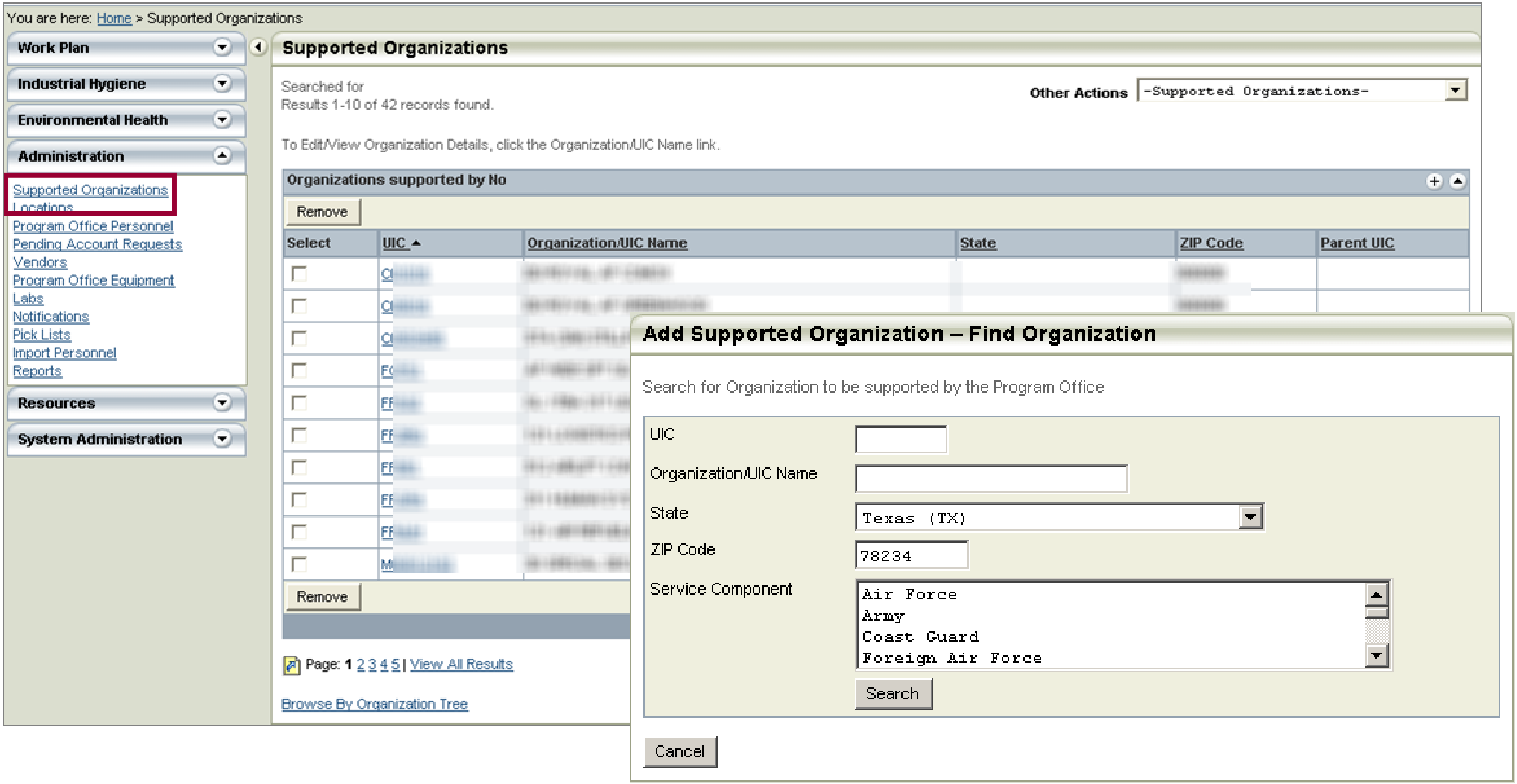
CMS 903 / ISR 953-11: Shop Priority Code

Step 1-3: Personnel assigned to Shop



CMS 903 / ISR 953-11: Shop Priority Code

Step 4: Add UICs to Supported Organization List



CMS 904 / ISR 953-10: Master Schedule Task

- % of DOEHRS-IH Priority 1 shops that have had one Master Schedule task completed in the past 12 months

  1. Establish Program Office
  2. Capture Shops (Priority Code is required field)
  3. Enter all Program Office tasks via the Master Schedule
  4. Populate the correct ‘Close Date’ when tasks are completed

CMS 904 / ISR 953-10: Master Schedule Task

Step 1-4: Master Schedule Task completed in past 12 months

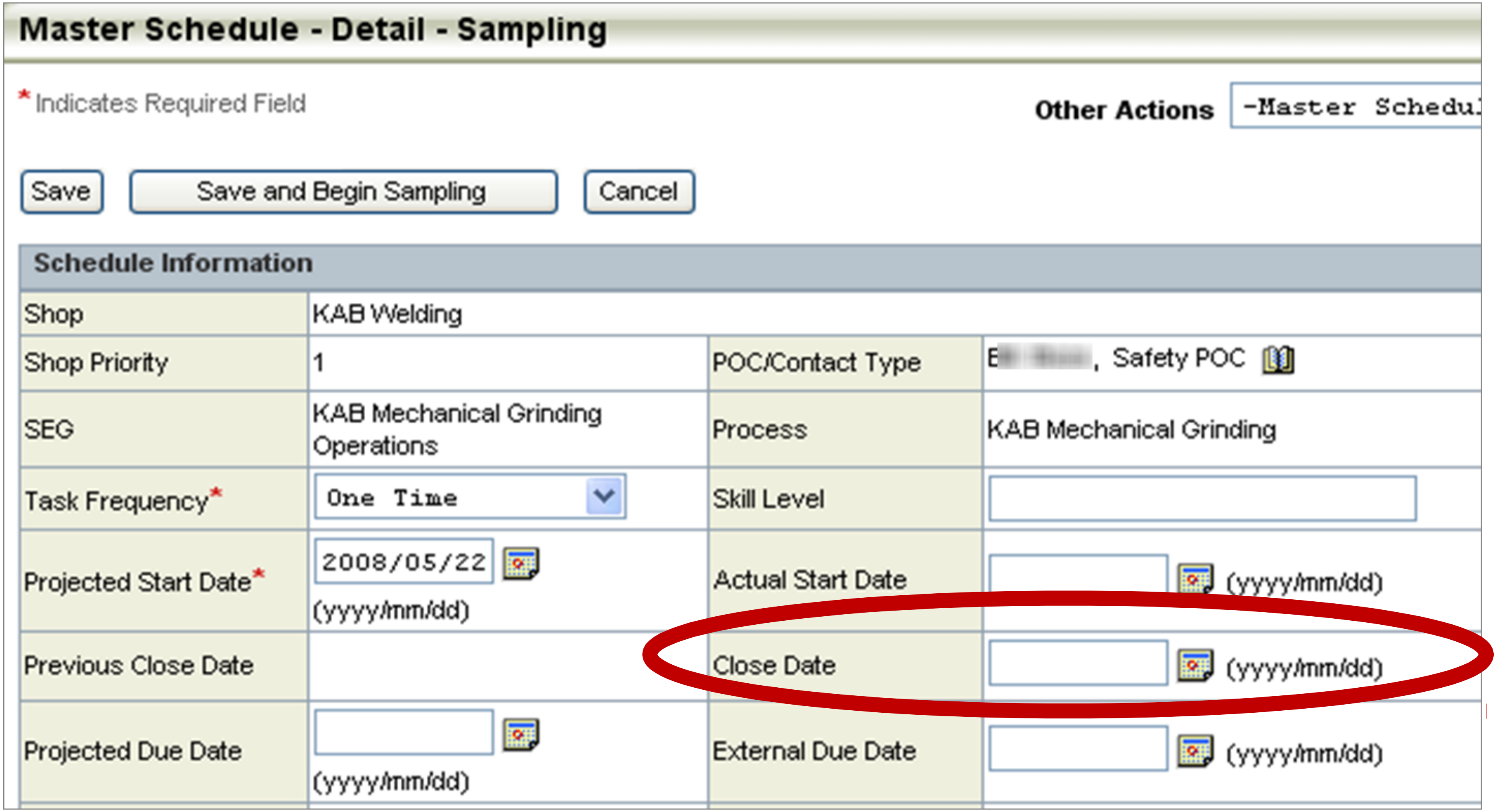
Master Schedule

Results 1-10 of 641 records found.
To edit/view Master Schedule Entry details, click the Task Type link.

Other Actions -Master Schedule-

Master Schedule Information

Task Type	Assigned Program Office Personnel	Location	Shop	Shop Priority ▲	Start Date-Projected / Start Date-Actual	Due Date-Projected / Due Date-External
Periodic Survey	M[illegible]en		FM[illegible]AC (V[illegible]	1	20[illegible]8/10/16 / N/[illegible]	N/A / N/A
Periodic Survey	M[illegible]en		FM[illegible] (V[illegible]	1	200[illegible]/10/16 / N/A	N/A / N/A
Periodic Survey	M[illegible]n		FS[illegible] (V[illegible]	1	200[illegible]/10/17 / N/A	N/A / N/A
Periodic Survey	M[illegible]n		PS[illegible]ARY FE[illegible]	1	200[illegible]/10/20 / N/A	N/A / N/A
Periodic Survey	M[illegible]n		PS[illegible] FE[illegible] (V[illegible]	1	20[illegible]8/10/20 / N[illegible]	N/A / N/A
Periodic Survey	M[illegible]n		PS[illegible] 14[illegible] (V[illegible]	1	[illegible]08/10/20 / N/A	N/A / N/A

CMS 904 / ISR 953-10: Master Schedule Task

Step 4: Close Date Must be Captured in Task